

Per- and Polyfluoroalkyl Substances (PFAS) Interferents List

About

The PFAS Interferents List or PIL is a list of known interferents that impact the quantitation of PFAS. The PIL seeks to serve the analytical community by growing and changing to reflect known and emerging interferents which plague PFAS analysis. The list will include interferents in various matrices (e.g., eggs) or materials (e.g., mobile phase contaminants). The list contains the current version of known interferents available for download, a template to submit new interferents, and files to describe the PIL. This PIL serves as a complement to a publication ([DOI](#)-publication in review) which works to describe ways to identify, evaluate, and exercise new and existing analytical interferences.

Components and Documentation

- A comprehensive list of known interferences presented in a CSV file with a listed version (e.g., v1).
- A template to contribute a new interferent complete with an example.
 - Required information includes: the impacted PFAS compound, precursor mass and impacted transition, and matrix of detection. Encouraged, but not required information includes: the interferent compound, additional identifiers, a transition for the PFAS which is not impacted by the interferent, indications of commercial availability for the interferent, diagnostic transitions, associated citations, etc.
- Licensing and “READ ME” documentation.

Contact Us for Support or to Add a New Interferent

If you have any issues with the above files, want to submit a new interferent for consideration to the PIL, or want to get in touch with the authors, please contact us at pfas@nist.gov.